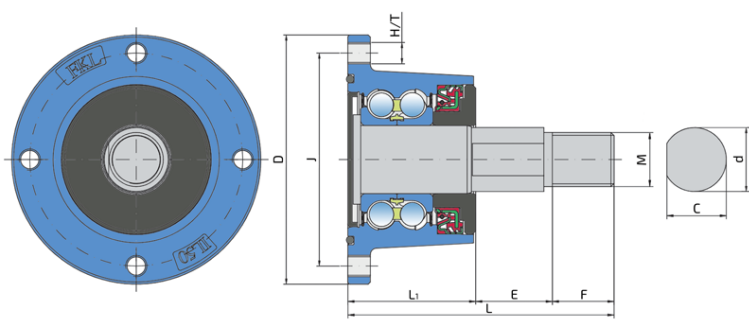


# Integrated Flange, Maintenance-Free Bearing For Independent Discs

## IL50-100/4T-1"

Integrated Flange, Maintenance-Free Bearing For Independent Discs

Disc Harrow



### Technical Specification

J	Pitch circle diameter	100 mm
D	Outside diameter	117 mm
H/T	Hole/Thread	4xM10 mm
d	Bore diameter	30 mm
C	D-shape hole cut out dimension	27.95 mm
M	Outer Thread	1" SAE14h mm
L	Total length	125 mm
L1	Total flange length	60 mm
E	Length of D shape	36 mm
F	Length of threaded part	29 mm
kg	Mass	2.67 kg
Cdyn	Dynamic load rating	60 kN
Co	Static load rating	45.8 kN
Pu	Fatigue load limit	1.92 kN

## Sealing

### O-RING+SHEET METAL SHIELD+RS SEAL / RS SEAL+DIRTBLOCK SEAL+FORGED COVER PLATE

O-ring, Sheet metal shield and RS seal on the base side and RS seal, Dirtblock seal with Forged cover plate on the front side which is exposed to contaminants.

O-ring, Sheet metal shield and RS seal together with attached disc eliminates the possibility of contamination from the base side.

Dirtblock seal is designed for hard working condition at unfriendly environment. Half metal - half rubber outside diameter provides reliable seal retention in the bore and improves sealing performance. Inside diameter is covered by rubber and improves sealing performance and easy installation. Forged cover plate is additional, strong protection of the Dirtblock seal against mechanical damage.

This sealing provides maximum protection against liquid or solid contaminants, which significantly extends bearing service life.

